OHA - Drinking Water Program - Turbidity Monitoring Report Form						County: Washington	
Conventional						Mo/Yr:	Apr-23
System Name: **Joint Water Commission ID#: OR4100379**					WTP-:	WTP-A	

	Combined Filter Effluent						HIGHEST
	0:00	4:00	8:00	12:00	16:00	20:00	READING [1]
DATE	(NTU)	(NTU)	(NTU)	(NTU)	(NTU)	(NTU)	(NTU)
1-Apr	0.03	0.03	0.03	0.02	0.03	0.03	0.03
2-Apr	0.03	0.03	0.03	0.03	0.02	0.03	0.03
3-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
4-Apr	0.02	0.03	0.02	0.02	0.02	0.03	0.03
5-Apr	0.03	0.03	0.02	0.02	0.02	0.03	0.03
6-Apr	0.03	0.03	0.03	0.03	0.03	0.02	0.03
7-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
8-Apr	0.04	0.03	0.03	0.03	0.03	0.03	0.04
9-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
10-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
11-Apr	0.03	0.03	Off	Off	Off	0.03	0.03
12-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
13-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.04
14-Apr	0.03	0.03	0.03	0.02	0.03	0.03	0.03
15-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
16-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
17-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
18-Apr	0.03	0.03	0.03	0.03	0.02	0.03	0.03
19-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
21-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
22-Apr	0.04	0.03	0.03	0.03	0.03	0.03	0.04
23-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
24-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
25-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
26-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
27-Apr	0.03	0.03	0.03	0.03	0.03	0.03	0.03
28-Apr	0.03	0.03	0.03	0.02	0.02	0.02	0.03
29-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.03
30-Apr	0.02	0.02	0.02	0.02	0.02	0.02	0.02

Conventional		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 0.3 NTU?	Yes	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 1 NTU?	Yes		
All turbidity readings < IFE[2] triggers	Yes	Yes	Yes

Notes: OFF= WTP Offline for maintenance work.	PRINTED NAME: Zac Bertz	DATE:
	SIGNATURE: *Zac Bertz*	1-May-23
	PHONE #: (503) 758-4446	CERT#: T08022

Digitally signed by Zac Bertz
DN: CN=Zac Bertz, OU=Users, OU=Water, OU=COH, DC=w2k, DC=ci, DC=hillsboro, DC=or, DC=us
Reason: I attest to the accuracy and integrity of this document
Contact Info: 503-758-4446
Date: 2023.05.01 12:51:51-07'00'

[1] Highest 2 hour reading, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. [2] IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

Date		CT # 1 (Clearwell Segment)											CT # 2 (Ops Building Pipeline Segment)								Combined CT		
		FWPS 1 (CT) Cl2 Residual		FWPS 1 (CT)	Clearwell Level	FWPS 1 Flow	FWPS 2 Flow	Combined FWPS Flow	Clearwell Detention Time (T10)	Clearwell CT Achieved	Clearwell Segment Giardia Log Inactivation	Clearwell Required CT	Ops Building Chlorine	Ops Building Temp	Ops Building pH	Ops Building Potable Flow	Ops Building Pipe Detention Time (1,344 gal)	Ops Bldg CT Achieved	Ops Bldg Giardia Log Inactivation	Ops Bldg Required CT	Total Log Inactivation	Total Inactivation Ratio	Required CT Achieved?
DATE	TIME	(mg/L) "C"	Celsius	pH	(ft)	(gpm)	(gpm)	(gpm)	(minutes) "T"	C x T	(CTa*0.5Log)/CTr	(equation)	(mg/L) "C"	Celsius	pH	(gpm)	(minutes) "T"	C x T	(CTa*0.5Log)/CTr	(equation)	Provided	ΣCTa/CTr	Y/N
1-Apr	3:00	1.33	9.7	7.81	13.53	13,709	8,544	22,253	73.6	97.9	1.80	27.2	1.13	13.0	7.87	42	32.0	36.2	0.83	21.8	2.6	5.3	Y
2-Apr	18:00	1.28	9.3	7.57	13.67	11,418	8,565	19,983	86.4	110.6	2.17	25.5	1.12	12.4	7.74	42	32.0	35.8	0.83	21.6	3.0	6.0	Y
3-Apr	19:00	1.31	8.7	7.68	13.44	14,144	8,590	22,734	71.2	93.2	1.68	27.7	1.14	13.6	7.80	42	32.0	36.5	0.89	20.4	2.6	5.2	Y
4-Apr	17:00	1.31	9.1	7.66	13.40	14,313	8,571	22,884	70.3	92.1	1.72	26.8	1.26	11.8	7.74	42	32.0	40.3	0.88	22.9	2.6	5.2	Y
5-Apr	23:00	1.33	9.4	7.69	13.13	20,801	8,616	29,417	50.1	66.7	1.25	26.6	1.21	14.6	7.66	42	32.0	38.7	1.06	18.3	2.3	4.6	Y
6-Apr	4:00	1.30	9.6	7.93	13.47	21,940	8,557	30,497	49.2	63.9	1.12	28.5	1.22	14.9	7.67	42	32.0	39.0	1.08	18.0	2.2	4.4	Y
7-Apr	1:00	1.28	9.9	7.74	13.09	15,292	8,560	23,852	65.0	83.2	1.60	26.0	1.21	16.7	7.67	42	32.0	38.7	1.21	16.0	2.8	5.6	Y
8-Apr	20:00	1.35	10.8	7.70	13.15	14,797	8,566	23,363	67.1	90.6	1.86	24.3	1.22	16.2	7.72	42	32.0	39.0	1.16	16.8	3.0	6.0	Y
9-Apr	23:00	1.29	10.9	7.80	13.15	18,115	8,578	26,693	67.1	72.1	1.45	24.9	1.19	15.8	7.77	42	32.0	38.1	1.08	17.6	2.5	5.1	Y
10-Apr	22:00	1.31	10.7	7.56	13.31	19,128	8,545	27,673	54.7	71.6	1.54	23.2	1.19	16.2	7.70	42	32.0	38.1	1.14	16.7	2.7	5.4	Y
11-Apr	20:00	1.35	10.4	7.33	13.41	18,006	8,668	26,674	57.9	78.1	1.78	21.9	1.30	16.9	7.35	42	32.0	41.6	1.47	14.1	3.3	6.5	Y
12-Apr	0:00	1.41	10.4	7.41	13.23	17,928	8,656	26,584	57.3	80.8	1.78	22.7	1.23	16.8	7.38	42	32.0	39.4	1.38	14.3	3.2	6.3	Y
13-Apr	0:00	1.36	10.6	7.69	13.64	17,779	8,587	26,366	59.6	81.0	1.65	24.6	1.23	15.6	7.67	42	32.0	39.4	1.14	17.2	2.8	5.6	Y
14-Apr	4:00	1.36	10.5	7.76	13.09	17,510	8,511	26,021	58.0	78.9	1.55	25.4	1.27	15.6	7.73	42	32.0	40.6	1.15	17.7	2.7	5.4	Y
15-Apr	3:00	1.33	10.9	7.70	13.13	13,634	8,528	22,162	71.8	95.4	1.98	24.1	1.23	16.2	7.71	42	32.0	39.4	1.17	16.8	3.1	6.3	Y
16-Apr	12:00	1.40	11.1	7.61	14.02	14,357	8,590	22,947	73.3	102.6	2.21	23.2	1.29	15.4	7.80	42	32.0	41.3	1.12	18.4	3.3	6.7	Y
17-Apr	0:00	1.39	10.8	7.55	12.89	14,073	8,574	22,647	68.6	95.3	2.05	23.2	1.26	12.9	7.70	42	32.0	40.3	0.96	20.9	3.0	6.0	Y
18-Apr	1:00	1.32	10.2	7.69	13.01	13,361	8,545	21,906	72.3	95.4	1.90	25.2	1.24	12.2	7.82	42	32.0	39.7	0.87	22.9	2.8	5.5	Y
19-Apr	5:00	1.37	9.4	7.64	14.08	16,676	8,582	25,258	64.9	89.0	1.70	26.2	1.28	15.8	7.78	42	32.0	41.0	1.15	17.8	2.8	5.7	Y
20-Apr	20:00	1.31	9.0	7.51	13.17	14,736	8,580	23,316	67.4	88.3	1.73	25.5	1.21	15.4	7.78	42	32.0	38.7	1.07	18.1	2.8	5.6	Y
21-Apr	2:00	1.38	8.9	7.76	12.99	14,602	8,545	23,147	67.0	92.5	1.63	28.4	1.27	15.8	7.81	42	32.0	40.6	1.13	18.0	2.8	5.5	Y
22-Apr	20:00	1.36	11.4	7.63	13.78	15,104	8,519	23,623	69.2	94.1	2.06	22.8	1.23	16.3	7.62	42	32.0	39.4	1.22	16.1	3.3	6.6	Y
23-Apr	16:00	1.34	12.1	7.57	13.42	14,693	8,545	23,238	68.9	92.3	2.17	21.3	1.21	17.3	7.69	42	32.0	38.7	1.25	15.5	3.4	6.8	Y
24-Apr	13:00	1.26	11.4	7.53	13.19	14,766	8,498	23,264	67.5	85.0	1.95	21.8	1.21	13.4	7.76	43	31.3	37.8	0.92	20.6	2.9	5.7	Y
25-Apr	1:00	1.40	11.4	7.79	13.24	14,474	8,465	22,939	68.9	96.5	1.99	24.3	1.24	16.7	7.70	42	32.0	39.7	1.22	16.2	3.2	6.4	Y
26-Apr	23:00	1.27	13.3	7.87	13.67	19,259	8,456	27,715	55.9	71.0	1.64	21.7	1.14	18.6	7.77	42	32.0	36.5	1.26	14.5	2.9	5.8	Y
27-Apr	0:00	1.27	13.4	7.95	13.63	19,201	8,456	27,657	55.9	71.0	1.60	22.2	1.14	18.4	7.79	42	32.0	36.5	1.23	14.8	2.8	5.7	Y
28-Apr	0:00	1.25	13.2	7.79	13.42	13,476	8,433	21,909	74.2	92.7	2.19	21.2	1.14	17.7	7.71	42	32.0	36.5	1.21	15.0	3.4	6.8	Y
29-Apr	13:00	1.24	14.8	7.53	13.38	18,832	8,475	27,307	55.8	69.1	2.00	17.3	1.14	18.1	7.72	43	31.3	35.6	1.21	14.7	3.2	6.4	Y
30-Apr	20:00	1.26	13.4	7.58	13.34	16,420	8,473	24,893	62.5	78.7	2.03	19.3	1.15	17.0	7.77	43	31.3	35.9	1.11	16.1	3.1	6.3	Y